

Figure B8. Grade, Length of Grade

Not all freeways are built in areas where grade is not a significant concern. The length of grade, percent grade, and percent of trucks are all interconnected variables that have a “medium” sensitivity in areas where a considerable increase or decrease in percent grade occurs. Figures B9–B13 are a very good representation of the effects of these interrelated variables. Seen below, they show the graduation of variability as the percent of trucks increases from five to twenty-five percent at different grades and length of grade.

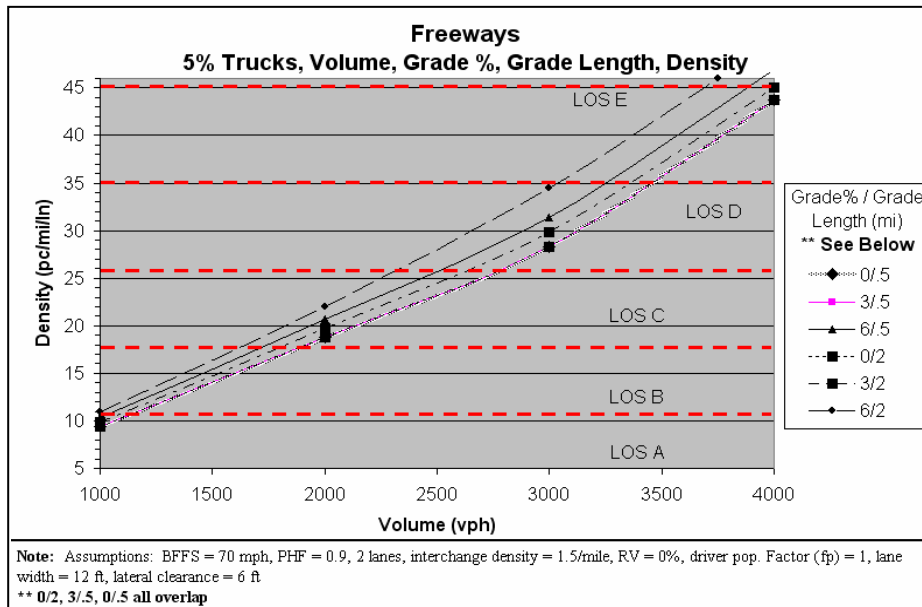


Figure B9. Five Percent Trucks, Grade, Grade Length